

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

LCJ

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
KY	BPH -920109MB N/M	NEW 104.9MHZ	ROBERT G. PICKLESIMER HAROLD KY	CP FOR NEW FM STATION ON: 104.9 MHZ., ERP: 0.51 KW (H&V), HAAT: 239 METERS (H&V) 37 31 56 82 29 43

LICENSE EXPIRATION DATE _____

PN: 1-29-92

for Lewis C. Jones

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT() CONSTRUCTION DATES, START _____ END _____
CONTESTED () UNCONTESTED ()

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

FEDERAL COMMUNICATIONS COMMISSION
FEE PROCESSING FORM

FCC
USE
ONLY

FCC/MELLON JAN 09 1992

Please read instructions on back of this form before completing it. Section I MUST concurrent actions which require you to list more than one Fee Type Code, you must accompany all payments. Only one Fee Processing Form may be submitted per legacy. All required blocks must be completed or application/filing will be returned

01-13-92 8193032 003

SECTION I

APPLICANT NAME (Last, first, middle initial)

Robert G. Picklesimer

MAILING ADDRESS (Line 1) (Maximum 85 characters - refer to instruction (2) on reverse of form)

P.O. Box 20736

MAILING ADDRESS (Line 2) (if required) (Maximum 85 characters)

CITY

Louisville

STATE OR COUNTRY (if foreign address)

KY

ZIP CODE

40250

CALL SIGN OR OTHER FCC IDENTIFIER (if applicable)

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

(A)	(B)	(C)	
FEE TYPE CODE	FEE MULTIPLE (if required)	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(1) M T R		\$ 2,030.00	

SECTION II

— To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)	(B)	(C)	
FEE TYPE CODE	FEE MULTIPLE (if required)	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(2)		\$	
(3)		\$	
(4)		\$	
(5)		\$	
ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (5), AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.			
TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING			FOR FCC USE ONLY
\$2,030.00			2,030.00

RECEIVED
JAN 16 1992
FM EXAMINER

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

For COMMISSION Fee Use Only	FEE NO:	For APPLICANT Fee Use Only
	FEE TYPE:	Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	FEE AMT:	If fee exempt (see 47 C.F.R. Section 1.1112), indicate reason therefor (check one box): <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	ID SEQ:	FOR COMMISSION USE ONLY FILE NO. <i>BPH-920109MB</i>

Section I - GENERAL INFORMATION

1. Name of Applicant Robert G. Picklesimer			Send notices and communications to the following person at the address below:		
Street Address or P.O. Box P.O. Box 20736			Name Michael E. Beller Verner, Liipfert, Bernhard et al		
City Louisville	State KY	ZIP Code 40250	City Washington	State DC	ZIP Code 20005
Telephone No. (Include Area Code) (812) 945-1202			Telephone No. (Include Area Code) (202) 371-6119		

2. This application is for: ☐ AM ☒ FM ☐ TV

(a) Channel No. or Frequency 285A	(b) Principal Community Harold	City Harold	State KY
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(c) Check one of the following boxes:

- ☒ Application for NEW station
- ☐ MAJOR change in licensed facilities; call sign: _____
- ☐ MINOR change in licensed facilities; call sign: _____
- ☐ MAJOR modification of construction permit; call sign: _____

File No. of construction permit: _____

- ☐ MINOR modification of construction permit; call sign: _____

File No. of construction permit: _____

- ☐ AMENDMENT to pending _____

NOTE: It is not necessary to submit only Section I and the following information:
104.9MHZ
BPH -920109MB NEW
HAROLD KY
ROBERT G. PICKLESIMER

Should you do so, however, please include information.

3. Is this application mutually exclusive with a renewal application? ☐ Yes ☒ No

If Yes, state:

Call letters	Community of License	
	City	State

Section II - LEGAL QUALIFICATIONS

Name of Applicant

Robert G. Picklesimer

1 Applicant is (check one box below)

☒ Individual

☐ General partnership

☐ For-profit corporation

☐ Other

☐ Limited partnership

☐ Not-for-profit corporation

2 If the applicant is an unincorporated association or a legal entity other than an individual, partnership, or corporation, describe in an Exhibit the nature of the application.

Exhibit No.
N/A

NOTE: The terms "applicant," "parties to this application," and "non-party equity owners in the applicant" are defined in the instructions for Section II of this form. Complete information as to

Section II - LEGAL QUALIFICATIONS (Page 2)

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

(Read carefully - The numbered items below refer to line numbers in the following table.)

1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.

2. Citizenship.

3. Office or directorship held.

4. Number of shares or nature of partnership interests.

5. Number of votes.

6. Percentage of votes.

7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.

8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 76.501, including the nature and size of such interests and the positions held.

1.	Robert G. Picklesimer 2929 Avon Road Louisville, KY 40220		
2.	U.S.A.		
3.	Individual Applicant		
4.	N/A		
5.	N/A		
6.	N/A		
7.	None		
8.	None		

Section II - LEGAL QUALIFICATIONS (Page 3)

7. Does the applicant, any party to the application or any non-party equity owner in the applicant have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☐ Yes ☒ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☐ Yes ☒ No

(c) a broadcast application which has been denied by the Commission?

☐ Yes ☒ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.
N/A

(1) Name of party having interest;

(2) Nature of interest or connection, giving dates;

(3) Call letters of stations or file number of application or docket; and

(4) Location.

8 (a) Are any of the parties to the application or non-party equity owners in the applicant

☐ Yes ☐ No

Section 11 - LEGAL QUALIFICATIONS (Page 4)

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

11. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction C to Section 11.1)

☐ Yes ☒ No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

☐ Yes ☒ No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.
N/A

12. (a) Has an adverse finding been made or an adverse final action been taken by any court or administrative body as to the applicant, any party to this application, or any non-party equity owner in the applicant in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

☐ Yes ☒ No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

☐ Yes ☒ No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.
N/A

SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☒ Yes ☐ No

2. State the total funds you estimate are necessary to construct and operate the requested facility for three months without revenue.

\$ 71,665*

3. Identify each source of funds, including the name, address, and telephone number of the source (and a contact person if the source is an entity), the relationship (if any) of the

Section IV-A - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No. 1

Section IV-B - INTEGRATION STATEMENT

Attach as an Exhibit the information required in 1 and 2 below.

Exhibit No. 2

1. List each principal of the applicant who, in the event of a grant of the application on a comparative basis proposes to participate in the management of the proposed facility and, with respect to each such principal, state whether he or she will work full-time (minimum 40 hours per week) or part-time (minimum 20 hours per week) and briefly describe the proposed position and duties.
2. State with respect to each principal identified in response to Item 1. above, whether the applicant will claim qualitative credit for any of the following enhancement factors:
 - (a) Minority Status
 - (b) Past Local Residence
If Yes, specify whether in the community of license or service area and the corresponding dates.
 - (c) Female Status
 - (d) Broadcast Experience
If Yes, list each employer and position and corresponding dates.
 - (e) Daytime Preference

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 696-A).

SECTION VII - CERTIFICATIONS

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3560?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

If No, attach as an Exhibit, a full explanation.

Exhibit No.
N/A

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted Henry Maynard

Telephone No. (include area code) (606) 432-9182

Person contacted: (check one box below)

☒ Owner

☐ Owner's Agent

☐ Other (specify)

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.66, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**ROBERT G. PICKLESIMER
EXHIBIT NUMBER 1**

Program Service Statement

Robert G. Picklesimer ("Picklesimer") will ascertain on an on-going basis the needs and problems of Harold, Kentucky, the community of license. Picklesimer will serve the needs and interests of the community through entertainment, news, and public affairs programming.

Community leaders, civic groups, and concerned individuals will be encouraged to share their views with the station's management. News and weather service will be provided on an on-going basis to keep the local community informed of local, regional, and state events. Public service programming will be designed to address issues of concern to all residents of the community and the station's proposed service area.

Picklesimer proposes to install emergency power generation equipment at both the transmitter and studio locations to power the equipment in the event of a power failure. The station will operate 24 hours each day, seven days a week.

**ROBERT G. PICKLESIMER
EXHIBIT NUMBER 2**

Integration Statement

Robert G. Picklesimer ("Picklesimer"), the sole proprietor of his application, proposes 100 percent fulltime integration into the management of his proposed station in Harold, Kentucky. Mr. Picklesimer will devote no less than forty (40) hours per week during normal business hours to the station.

Mr. Picklesimer will claim qualitative enhancement credit based on local residence and broadcast experience.

(a) Local Residence

Mr. Picklesimer resided in Pikeville, Kentucky from 1942 until 1957, and from 1958 until 1967. In addition, Mr. Picklesimer resided in Pikeville from 1971 until 1972. Pikeville is within the 1 mV/m (60 dBu) contour of his proposed station.

From 1972 until 1987 Mr. Picklesimer resided in Robinson Creek, Kentucky. Robinson Creek is within the 1 mV/m (60 dBu) contour of his proposed station.

In the event that Mr. Picklesimer's application is granted, he will move to and maintain his permanent fulltime residence in Harold, Kentucky, the community of license.

(b) Broadcast Experience

From 1978 until 1987, Mr. Picklesimer was fulltime chief engineer at WPKE(AM) and WDHR(FM), Pikeville, Kentucky.

Since 1987, Mr. Picklesimer has designed, installed and maintained equipment in over 100 radio stations in several states.

ORIGINAL

FOR COMMISSION USE ONLY

Section V-B - FM BROADCAST ENGINEERING DATA

File No. _____

ASB Referral Date _____

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

☐ Yes ☒ No

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date January 8, 1992 Office where filed Southern Regional Office

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) <u>Pike County-Hatcher Airport</u>	<u>6.0</u>	<u>N 300° E</u>
(b) _____	_____	_____

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 537 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 31 meters

(3) of the top of supporting structure above mean sea level $[(a)(1) + (a)(2)]^*$ 567 meters

- (b) Height of radiation center: (to the nearest meter) H - Horizontal; V - Vertical

(1) above ground 29 meters (H)

29 meters

(2) above mean sea level $[(a)(1) + (b)(1)]$ 565 meters (H)

565 meters (V)

(3) above average terrain 239 meters (H)

239 meters (V)

*(a)(1)+(a)(2) does not add when rounding

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except Item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
E-1

9. Effective Radiated Power:

(a) ERP in the horizontal plane 0.51 kw (H*) 0.51 kw (V*)

- (b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

_____ kw (H*) _____ kw (V*)

*Polarization

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 3.16 mV/m service.

Exhibit No.

12. Will the main studio be within the protected 3.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☒ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

☒ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
E

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

14. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(e) and 73.318.)

Exhibit No.
E

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
E-2

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
E-3

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 3.16 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour. **1990 Census Data**

Area 1,845 sq. km. Population 68,080

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒

Linearly Interpolated 30-second database

☐

7.5 minute topographic map

(Source: NGDC)

☐

Other *(briefly summarize)*

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 8.16 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
* 272.4	297	15.1	26.8
0	248	13.8	24.6
45	211	12.7	22.8
90	216	12.9	23.0
135	206	12.6	22.5
180	245	13.7	24.4
225	240	13.6	24.2
270	306	15.3	27.1
315	240	13.6	24.2

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not. **Proposal does not involve any action specified in Section 1.307(a)&(b) of the Commission's Rules**

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

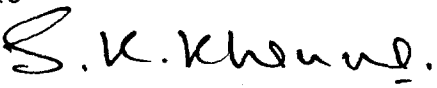
Name (Typed or Printed) Sudhir K. Khanna	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature 	Address (Include ZIP Code) Cohen, Dippell and Everist, P.C. 1300 L Street, N.W., Suite 1100 Washington, DC 20005
Date January 8, 1992	Telephone No. (Include Area Code) (202) 898-0111

EXHIBIT E

**ENGINEERING REPORT RE
APPLICATION FOR A
CONSTRUCTION PERMIT FOR A NEW FM STATION AT
HAROLD, KENTUCKY
CH. 285A (104.9 MHZ) 0.51 KW (H&V) 239 METERS**

JANUARY 1992

**COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON, D.C.**

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington)
) ss
District of Columbia)

Sudhir K. Khanna, being duly sworn upon his oath, deposes and states:

That he is a graduate electrical engineer, a registered professional engineer in the District of Columbia, and is a Vice President of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio-Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

That his qualifications are a matter of record in the Federal Communications Commission;

That the attached engineering report was prepared by him or under his supervision and direction; and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

S.K. Khanna

Sudhir K. Khanna
District of Columbia
Professional Engineer
Registration No. 8057

Subscribed and sworn to before me this 8th day of January, 1992.

Carol L. Lyons
Notary Public

My Commission Expires:

2/28/93

Introduction

This engineering report has been prepared on behalf of Robert G. Picklesimer in support of his application for a construction permit for a new FM broadcast station at Harold, Kentucky. The FM operation is proposed on Channel 285A (104.9 MHz) with 0.51 kW (H&V) effective radiated power (ERP) and 239 meters antenna height above average terrain (HAAT), equivalent to 3 kW and 100 meters.

The closing window date for filing of the applications has been set for January 9, 1992.

Exhibits requested by Section V-B of the FCC Form 301 are included in this engineering report.

Antenna Site

The proposed 2-bay FM antenna will be side-mounted on a new guyed tower. The proposed antenna site is located just south of Joes Knob, approximately 2.4 kilometers west of Zebulon, Pike county, Kentucky. The geographic coordinates of the proposed antenna site are as follows:

North Latitude: 37° 31' 56"

West Longitude: 82° 29' 43"

The attached Exhibit E-2 shows the proposed antenna site on a USGS 7.5 minute series topographic map (Meta, Ky.)

The following tabulation shows the pertinent data for the proposed installation.

Power Data

Power input to antenna	0.511 kW
Antenna power gain (H&V)	0.9971
Effective radiated power(H&V)	0.51 kW

Elevation Data

Elevation of the site above mean sea level	536.5 meters (537 m*)
Elevation of the top of supporting structure above ground including lighting if required	30.5 meters (31 m*)
Elevation of the top of supporting structure above mean sea level including lighting if required	566.9 meters (567 m*)
Height of radiation center above ground (H&V)	28.5 meters (29 m*)
Height of radiation center above mean sea level (H&V)	565 meters
Height of radiation center above average terrain (H&V)	239 meters

* To nearest meter

The attached Exhibit E-1 shows a sketch of the proposed antenna supporting structure.

Allocation Situation

The attached Table I shows the distances to the pertinent co-channel and adjacent channel stations and allotments from the proposed antenna site. As indicated, all distances comply with the minimum separation requirements listed under Sections 73.207 and

73.213 of the Commission's rules. The distances were computed using the FCC listed geographic coordinates.

The Channel 285A allotment to Harold, Kentucky was adopted on October 11, 1991 and released on October 24, 1991 in MM Docket No. 88-437. In that Report and Order a footnote was provided indicating the allotment was being made as a result of a rule-making petition filed prior to October 2, 1989. Therefore applicants could avail themselves of separation criteria set forth in Section 73.213 of the Commission's rules with respect to station WXXZ(FM), Channel 288A, Prestonburg, Kentucky.

However, a review of the FM allocation situation for Channel 285A at Harold, Kentucky indicates there are additional FM stations which would require the provision of Section 73.213 as well. These stations are: WJMD(FM), Hazard, Kentucky, Channel 284A; WKOS(FM), Kingsport, Tennessee, Channel 285A; and WKLC-FM, St. Albans, West Virginia, Channel 286A. It has been determined that without the provision of Section 73.213 of the rules with respect to at least one of these three FM stations, no fully-spaced site, including the reference coordinates specified in the Report and Order, would be possible for a Channel 285A operation at Harold, Kentucky. Therefore, it is believed that the site specified in this proposal meets the Commission's applicable rules. However, if a waiver of Section 73.213 of the rules is deemed necessary for this application to be grand-fathered for additional short-spacings, it is hereby requested for the above reasons.

Topographic Data

The average elevation data between 3 to 16 kilometers used for the prediction of coverage contours for eight radials (each 45 degrees of azimuth starting with True North) plus a radial through the principal community is based on the NGDC 30-second database.

Contour Data

The distances to the predicted 3.16 mV/m and 1.0 mV/m contours were determined from Figure 1, Section 73.333 of the Commission's rules and are shown on the attached Table II. The predicted coverage contours are shown on Exhibit E-3.

Population and Area Data

The proposed 1.0 mV/m contour population is based on the 1990 Census of the United States. The land area of the contour was measured with a polar planimeter using the original map.

Main Studio Location

The main studio will be located inside the predicted 3.16 mV/m contour.

Other Radio Stations

There are no AM, FM, or TV stations located within 60 meters of the proposed FM site.

There are three FM stations present or proposed within 10 kilometers of the proposed site. The proposed Channel 285A FM operation in conjunction with WJSO (Ch. 211C3), WDHR (Ch. 221A), and WDHR (APP Ch. 226C2) has a potential of producing intermodulation products on TV Channel 5.

In case of problem to any authorized broadcast or non-broadcast facilities or radio receivers, the applicant will take the necessary remedial steps to resolve the intermodulation interference.

Blanketing Contour

The blanketing contour (115 dBu) based on an ERP of 0.51 kW will extend 0.28 kilometers from the proposed site. The applicant will comply with all the pertinent requirements of Section 73.318 of the Commission's rules.

Environmental Statement

According to the applicant, the antenna site is not located near any known wilderness area, wildlife preserve, historic place or Indian religious sites or critical habitats which can affect the endangered species. The proposed facilities are not located in a flood plain area. The construction of a guyed tower 100 feet in height and a building to house the FM transmitter does not involve significant changes in the surface features.

The new guyed tower will be lighted and painted if required by the FAA. The use of high intensity white lights is not expected. In addition, the proposed site is not located near any residential neighborhood.

The proposed facilities will not affect any known districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.

An evaluation has been made to determine compliance with the FCC specified standards for human exposure to RF radiation as set